



# NITFS Compliance Registration



**Product:** Active Earthscape version 1.1.3

**Sponsor:** National Geospatial-Intelligence Agency

**Developer:** Harris Corporation

**Date:** 13 August 2007

**Expiration:** 12 August 2009

**Registration #:** 1027

☒ Initial Registration  
☐ Supplemental/Update # \_\_\_\_\_  
☐ Derived from Reg. # \_\_\_\_\_

☒ **System**  
N-0105/98, §4.1.1

## NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☐ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

### Format

- NITF**  
☒ V2.1  
☐ V2.0  
☐ V1.1  
**NSIF**  
☐ V1.0

### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☐ CGM, 2301  
☐ CGM, 2301A  
☐ Labels \*\*

### Text Segments

- ☒ STA  
☐ TT1  
☐ U8S  
☐ MTF

### Image Segment Types

- ☒ MONO  
☐ RGB  
☐ RGB/LUT  
☐ YCbCr  
☐ MULTI  
☐ NODISPLY  
☐ POLAR

### Image Compression

- ☒ Not Compressed  
☐ JPEG Lossy, 8-bit  
☐ JPEG Lossy, 12-bit  
☐ JPEG Downsample  
☐ JPEG Lossless  
☒ JPEG 2000  
☐ Bi-Level  
☐ Vector Quantization

### Data Extension Segments

- ☐ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☐ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ HISTOA  
☒ J2KLRA  
☒ PRODHA  
- DIGEST TREs  
- ACCHZB  
- BNDPLB  
- GEOLOB  
- GEOPLSB  
- MAPLOB  
- PRI/PSB

Interpret  
Generate  
Legend

- ☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

## Configurations Tested:

- Dual Core 3 GHz Xeon 5100
- Windows Server 2003
- Linux RedHat Enterprise 4

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of the product for the intended use. Optional NITFS features may not be implemented.

*Curtis L. Green, Lt Col, USAF*

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Joint Interoperability Test Command  
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program